



United States
Department of
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Forest
Service

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Errata

South Branch Kinzua Creek Environmental Assessment

**Wetmore and Hamlin Townships
McKean County, Pennsylvania**

Errata:

- On page 79 of the Environmental Assessment (EA), USDA-FS 2005d is referenced. This reference should be USDA-FS 2005c.
- On page 143, the first sentence of the second paragraph below “Landscape Character” reads “Final harvest treatments proposed in the SBKC project include overstory cuts, shelterwood removals, and two-age removals.” As there are no two-age removals proposed in this project, the sentence should read “Final harvest treatments proposed in the SBKC project include overstory cuts and shelterwood removals.”
- On page 167 of the EA, the personal communication reference of Mike Hays should be dated 2001 not 2002.
- On page A-1 of Appendix A of the EA, USDA-FS 2004 (Trail’s End Re-Entry EA) is cited. This reference was not included in the reference section. The reference is:

USDA-FS, 2004. Trail’s End Re-Entry Environmental Assessment. Appendix G. Response to 30-Day Comments. Marienville Ranger District. Allegheny National Forest.

- The following is a clarification of the Forest Service response to Comment # 8-B found in Appendix A (p. A-18):

The PFBC designated 7.1 miles of the South Branch Kinzua Creek as a Wilderness Trout Stream. This entire segment is located along the northern boundary of the SBKC project and stretches from the headwaters of South branch Kinzua Creek to Hubert Run (located at the northwest edge of the project boundary). The vast majority of vegetation management would not be visible or otherwise apparent from the designated segment as treatments were kept at least 200 feet from the Wilderness Trout Stream. Some un-even aged management may occur within riparian corridors in the SBKC project area, including non-commercial thins, and reforestation/under-plantings. The non-commercial treatments are proposed to promote tree growth, restore forest cover, and promote future large wood delivery, which would benefit riparian dependant resources. None of these treatments are expected to have an adverse effect to riparian corridor resources as Forest Plan Standards and Guidelines will be followed.

- Maps 1, 3, 5, and 7 do not show the section of FR186-A that was previously decommissioned. Please refer to Map 2 for the correct designation of the “previously decommissioned” section of this road. All maps should show this section of FR186-A as “previously decommissioned.”
- The stone pit (located at the end of FR461) displayed on Map 2, should also be displayed on Map 4.
- The stone pit (located to the northwest of the intersection of FR186 and Glad Run) displayed on Map 2 should be labeled as “inactive.”
- Table 3 of the SBKC EA incorrectly shows stands 811005, 811027, 811043, 811045, 811056, 812005, 812008, 814069, and 814084 as being located in MA 3.0. These stands are located in MA 2.2.
- Pages 23 and 24 of the SBKC EA include a comparison of the proposed activities under Alternative 3 from the Public Comment Package and the proposed activities under the current

Alternative 3. To further clarify the differences, the individual stands included in the “additional 70 acres of even-aged regeneration treatments” are 814049, 814070, 814075, and 814076. The individual stands included in the “additional 43 acres of intermediate even-aged treatments” are 814029, 814050, and 814051.

- The following design feature, found on page 27 of the SBKC EA, will also include stands 811021 and 811053.

“Leave areas of ¼ acre in size shall be located in a natural or random pattern and will be located in the field by landscape architect. Affected stands include: 810043, 812010, 812037, 811023, and 811055 (*USDA-FS 2007g, pp. 9 and 10*).”

- Table 11 (p. 54) of the SBKC EA incorrectly shows the “111 + years old” age class as being 10 acres in MA 2.2. The correct acreage is 20 acres.
- Map 4 and Map 6 incorrectly show FR475 as “FR457”
- The following sentence is taken from p. 99 of the SBKC EA: “Recent stone pit testing has identified that the three active stone pits and one new stone pit could be expanded or developed for a total of approximately nine ten acres of stone.” This is a typographical error and the correct acreage for stone from the four pits is nine acres.
- The discussion on projections for new wells, roads, and pits found in the second paragraph on page 99 of the EA incorrectly reads over the next decade.” Those projections were based on the next two decades.
- To further clarify the pit reclamation activities proposed under Alternative 3, the following table is provided:

Table E-1. Pit Reclamation Activities

Pit	Stand(s)	Acres of reclamation
FR448 (North)	814-068	2
FR448 (South)	814-080	2
	814-085	2
FR186 (North)	811-052	6
FR186 (South)	810-018	2
FR461	812-043	2

The locations of these stands are shown on Map 6 of the SBKC EA.

- The location of the proposed pit on FR461 is not shown on Map 4: “Alternative 3 – Commercial Vegetation Treatments and Transportation Activities”. The location of this pit can be seen on Map 2 of the SBKC EA.
- The stands proposed for silvicultural treatment under Alternative 3 are included in Table 3 of the EA and those dropped from the proposed action are listed in Table 7. The following table (Table E-2) is a complete list of the stands proposed for treatment in Alternative 3.

Table E-2. List of Stands Proposed for Silvicultural Treatment under Alternative 3

Comp¹	Stand	Acres	MA²	Harvest Treatments³	Reforestation Treatments⁴
810	1	10	3.0	Crop Tree Release	
810	6	16	3.0	Crop Tree Management	
810	7	11	3.0	Crop Tree Release	
810	9	35	3.0	Commercial Thinning	
810	10	12	3.0	Crop Tree Management	
810	11	15	3.0	Commercial Thinning	
810	12	25	3.0	Crop Tree Management	
810	13	4	3.0	SH ⁵ Seed Cut/SH Removal	SP, H, F, Fe, R
810	20	24	3.0	SH Seed Cut/SH Removal	SP, H, F, Fe, R
810	24	10	3.0	Commercial Thinning	
810	26	8	3.0	Commercial Thinning	
810	27	4	3.0	Commercial Thinning	
810	29	2	3.0	Commercial Thinning	
810	32	10	3.0	Commercial Thinning	
810	33	5	3.0	Crop Tree Release	
810	34	7	3.0	Commercial Thinning	
810	35	6	3.0	Commercial Thinning	
810	36	5	3.0	Crop Tree Management	
810	38	13	3.0	Crop Tree Release	
810	39	9	3.0	SH Seed Cut/SH Removal	SP, H, F, P, R
810	40	15	3.0	SH Seed Cut/SH Removal	SP, H, F, P, R
810	41	5	3.0	Reforestation Only	H, P
810	43	7	3.0	Delayed SH Seed Cut	SP, H, F
810	44	8	3.0	SH Seed Cut/SH Removal	SP, H, F, P, R
811	5	6 ⁶	2.2	RUMFC/Group Selection	SP, H, F, P, R
811	10	40	3.0	Crop Tree Management	
811	18	22	2.2	RUMFC/Group Selection	SP, H, F, P, R
811	19	34	3.0	Delayed SH Seed Cut	SP, H, F
811	20	21	3.0	Crop Tree Release	
811	21	29	3.0	SH Seed Cut/SH Removal	SP, H, F, P, R
811	23	17	3.0	SH Seed Cut/SH Removal	SP, H, F, P, R
811	24	33	3.0	Commercial Thinning	
811	25	50	3.0	UEAM Prep Cut/Group Selection	SP, H, TS, P, R

¹ “Comp” = Compartment number

² MA = Management Area

³ A slash (/) in the Activity column indicates that this stand is proposed to receive two treatments (1st and 2nd entry) an example of this would be Shelterwood Seed Cut/SH Removal” which is a proposal to perform a Shelterwood Seed Cut in the 1st entry and a Shelterwood Removal in the 2nd entry. Also, Delayed treatments indicate that the treatment will be implemented during the second entry.

⁴ “SP” = Site Preparation, “H” = Herbicide, “F” = Fence, “Fe” = Fertilize, “TS” = Tree Shelter, “P” = Plant, “R” = Release.

⁵ “SH” = Shelterwood, “UEAM” = Uneven-aged management, “AMFC” = Accelerate Mature Forest Conditions, “RUMFC” = Restore Understory to Mature Forest Conditions

⁶ This stand will receive reforestation treatments on the entire 11 acres.

Comp ¹	Stand	Acres	MA ²	Harvest Treatments ³	Reforestation Treatments ⁴
811	40	14	3.0	Commercial Thinning	
811	41	13	3.0	Commercial Thinning	
811	45	15	2.2	RUMFC/Group Selection	SP, H, F, P, R
811	46	9	3.0	Crop Tree Release	
811	53	11	3.0	SH Seed Cut/SH Removal	SP, H, F, P, R
811	54	8	3.0	Salvage Thinning	
811	55	22	3.0	SH Seed Cut/SH Removal	SP, H, F, P, R
811	56	19	2.2	RUMFC/Group Selection	SP, H, F, P, R
811	58	19	2.2	RUMFC/Group Selection	SP, H, F, P, R
811	59	28	3.0	Commercial Thinning	
812	7	10	2.2	Reforestation Only	SP, H, TS, P, R
812	10	22	3.0	Delayed SH Seed Cut	SP, H, F
812	12	6	3.0	Crop Tree Release	
812	13	41	3.0	Commercial Thinning	
812	14	19	3.0	SH Seed Cut/SH Removal	SP, H, F, Fe, P, R
812	21	4	3.0	SH Seed Cut/SH Removal	SP, H, F, Fe, R
812	34	12	3.0	Commercial Thinning	
812	35	17	2.2	RUMFC/Group Selection	SP, H, F, P, R
812	37	30	3.0	Delayed SH Seed Cut	SP, H, F
812	38	36	3.0	Commercial Thinning	
812	39	11	3.0	SH Seed Cut/SH Removal	SP, H, F, Fe, P, R
812	43	24	3.0	Crop Tree Release	
812	62	17	3.0	Crop Tree Release	
812	66	12	3.0	Delayed SH Seed Cut	SP, H, F
812	67	9	3.0	Delayed SH Seed Cut	SP, H, F
812	68	16	3.0	Delayed SH Seed Cut	SP, H, F
813	2	8	2.2	RUMFC/Group Selection	SP, H, F, P, R
813	7	28	2.2	RUMFC/Group Selection	SP, H, F, P, R
813	8	29	2.2	Reforestation Only	SP, H, TS, P, R
813	9	26	2.2	RUMFC/Group Selection	SP, H, F, P, R
813	10	7	3.0	Commercial Thinning	
813	11	9	3.0	Commercial Thinning	
813	13	9	3.0	Crop Tree Release	
813	14	16	3.0	Delayed SH Seed Cut	SP, H, F
813	15	14	3.0	Commercial Thinning	
813	16	6	3.0	Reforestation Only	SP, H, TS, P, R
813	17	27	3.0	SH Seed Cut/SH Removal	H, F, P, R
813	18	26	3.0	Commercial Thinning	
813	20	33	3.0	Commercial Thinning	
813	22	21	3.0	Delayed SH Seed Cut	SP, H, F
813	23	12	3.0	Delayed SH Seed Cut	SP, H, F
813	25	15	3.0	Commercial Thinning	
813	26	19	3.0	Commercial Thinning	
813	27	10	3.0	Delayed SH Seed Cut	SP, H, F
813	28	19	3.0	Commercial Thinning	
813	29	3	3.0	Crop Tree Management	

Comp ¹	Stand	Acres	MA ²	Harvest Treatments ³	Reforestation Treatments ⁴
813	32	3	2.2	Reforestation Only	SP, H, TS, P, R
813	35	11	2.2	Reforestation Only	SP, H, TS, P, R
813	38	11	2.2	RUMFC/Group Selection	SP, H, F, P, R
813	39	8	2.2	RUMFC/Group Selection	SP, H, F, P, R
813	42	8	3.0	Reforestation Only	TS
813	44	11	3.0	Commercial Thinning	
813	46	10	2.2	RUMFC/Group Selection	SP, H, F, P, R
813	47	4	2.2	RUMFC/Group Selection	SP, H, F, R
814	6	65	3.0	Crop Tree Management	
814	8	36	3.0	Crop Tree Management	
814	20	18	2.2	RUMFC/Group Selection	SP, H, F, P, R
814	21	12	3.0	Commercial Thinning	
814	22	8	3.0	Commercial Thinning	
814	23	5	3.0	Commercial Thinning	
814	24	17	3.0	SH Seed Cut/SH Removal	SP, H, Fe, R
814	28	5	3.0	Reforestation Only	SP, H, TS, P, R
814	29	11	3.0	Commercial Thinning	
814	32	53	3.0	Crop Tree Management	
814	33	68	3.0	Crop Tree Management	H
814	39	16	3.0	Crop Tree Release	
814	42	18	3.0	Commercial Thinning	
814	47	8	3.0	Crop Tree Release	
814	49	12	3.0	SH Seed Cut/SH Removal	H, F, P, R
814	50	17	3.0	Commercial Thinning	
814	51	15	3.0	Commercial Thinning	
814	55	20	3.0	Reforestation Only	H, P
814	60	26	3.0	Commercial Thinning	
814	61	17	3.0	Commercial Thinning	
814	63	70	3.0	Crop Tree Management	
814	69	8	2.2	Delayed Group Selection	SP, H, F, P, R
814	70	16	3.0	Delayed SH Removal	H, F, TS, P, R
814	71	5	3.0	Delayed SH Removal	SP, H, F, P, R
814	73	7	3.0	Crop Tree Release	
814	74	2	3.0	Reforestation Only	SP, H, TS, P, R
814	75	13	3.0	Delayed SH Removal	H, F, P, R
814	76	17	3.0	Delayed SH Removal	SP, H, Fe, TS, P, R
814	82	19	3.0	Delayed SH Seed Cut	SP, H, F
814	84	14	2.2	RUMFC/Group Selection	SP, H, F, P, R
814	86	4	3.0	Reforestation Only	SP, H, P, R

Table E-3 is included in this errata in order to clarify the various cumulative effects analysis areas, their current condition, and the future projections for OGM wells, gravel pits, and roads. This table would be most useful to the reader if it is located at the beginning of Chapter 4.

Table E-3. Cumulative Effects Analysis Areas by Resource

Cumulative Effects Area (acres)	Resources Analyzed	Current Condition	Future Projections
SBKC Project Area (4,774 acres)	Soils OGM Vegetation Scenery Recreation Heritage	<ul style="list-style-type: none"> • 25 wells • 5 gravel pits • 24.0 miles of roads: (14.5 miles Forest Service) (2.2 miles Municipal) (7.3 miles non-system) 	<ul style="list-style-type: none"> • 96 wells over the next two decades • 4 acres of pit expansion over the next decade • 12 miles of road (for OGM use) over the next decade
SBKC 6 th order subwatershed (24,969 acres)	Hydrology Wildlife NNIS	<ul style="list-style-type: none"> • 392 wells • 157.6 miles of roads (41.5 miles Forest Service) (30.6 miles Municipal) (85.5 miles non-system) 	<ul style="list-style-type: none"> • 498 wells over the next two decades • 52 acres of pit expansion over the next two decades • 47 miles of roads (for OGM use) over the next two decades
North End RAP boundary (22,062 acres)	Transportation	<ul style="list-style-type: none"> • 228 wells • 11 active gravel pits • 157.7 miles of roads (55.5 miles Forest Service) (26.2 miles Municipal) (76.0 miles non-system) 	<ul style="list-style-type: none"> • 7 pits have been found suitable for road building material • approximately 0.1 acre of pit expansion for each OGM well